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			_							_	_		_	~ 1	 .	_		
49	Ser	Lys	Lys	-	Lys	Asn	Val	Thr		Arg	Ser	He	Lys		Thr	Arg		
50				40					45					50			2.4	7
51							cag										24	′
52	Asp	Arg		Pro	Inr	Tyr	Gln	60	ASII	мес	ASIĻ	Pne	65	туу	ьеи	GLY		
53		+~~	55	2+2	2+2	220	aac		220	+++	~at	222			aat	ata	29	15
54							Asn										2,7	J
55 56	гуу	70	ire	116	116	ASII	75	пуз	ASII	rne	мэр	80	vai	1111	СТУ	136.0		
57	~~~		cas	220	aas	202	gac	222	cat	acc	aaa		ctc	ttc	aan	tac	34	3
58							Asp										0.1	•
59 .	85	vai	my	71511	CTA	90	710P	цуо	1101	111.0	95				-10	100		
60		cga	agc	ct.a	aat.		gac	ata	att	atc	tat	aat	gac	tac	tct	tat	39	1
61							Asp											
62		5			105		-			110	-		-	-	115	-		
63	qcc	aaq	atq	caa	gat	ctg	ctt	aaa	aaa	gct	tct	gaa	gag	gac	cat	aca	43	9
64							Leu											
65		_		120					125					130				
66							tgc										48	7
67 ·	Asn	Ala	Ala	Cys	Phe	Ala	Cys		Leu	Leu	Ser	His		Glu	Glu	Asn		
68			135					140					145					_
69							ggt										53	5
70	Val		Tyr	Gly	Lys	Asp	Gly	Val	Thr	Pro	Ile		Asp	Leu	Thr	Ala		
71		150					155					160					F.0	
72							tgc										58	.3
73		Phe	Arg	GLY	Asp		Cys	Lys	Thr	Leu		GIU	ьуѕ	Pro	ьуѕ	180		
74	165			~~~	~~+	170	~~~	~~~	200	~~~	175	~~+	~a+	~~~	ato		. 63	₹1
75 76	Dho	Dho	TIA	Cla	yc.	Cyro	cga Arg	999	Thr	Glu	Tau	yat Aen	yac Aen	Glv	Tla	Gln	0.5	, т
77	rne	·	тте	GIII	185	Cys	Arg	Grà	1111	190	пеп	лэр	дор	GIY	195	0111		
78	acc	aac	tca	aaa		atc	aat	aac	aca		act	aat	cct	cga		aaα	67	19
79							Asn										_	
80		1101		200					205					210	_	-		
81	atc	cca	ata	qaa	gct	gac	ttc	ctc	ttc	gcc	tat	tcc	acg	gtt	cca	ggc	72	27
82							Phe											
83			215					220					225					
84							cca										77	15
85	Tyr	Tyr	Ser	Trp	Arg	Ser	Pro	Gly	Arg	Gly	Ser	Trp	Phe	Val	Gln	Ala		
86		230					235					240						
87							gag										82	23
88		Cys	Ser	Ile	Leu		Glu	His	Gly	Lys		Leu	Glu	Ile	Met			
89	245					250					255					260	0.7	7 1
90	atc	ctc	acc	agg	gtg	aat	gac	aga	gtt	gcc	agg	cac	ttt	gag	tct	cag	87	' I
91	Ile	Leu	Thr	Arg		Asn	Asp	Arg	Val			HIS	Pne	GIU		GIN		
92					265					270		-+-	~~~	+~+	275	a+ a	0.1	۵
93							cat										91	. 9
94	ser	Asp	Asp		пlS	rne	His	GIU		ьys	QTIJ	тте	FIO	290	val	val		
95 96	+	a+-	at a	280		~~~	at a	+ ~ ~	285	2 C+	022	tar	CCS		ann		96	55
96 97							ctc						cca	catt	uyy		70	, ,
97	ser	мет	ьeu	1111	гуз	GIU	Leu	т.À.t.	rne	261	GTII							

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98		295 . 300										
99	0	ggtacattct agctgagaag caatgggtca ctcattaatg aatcacattt ttttatgctc 102	5									
100	3	ttgaaatatt cagaaattct ccaggatttt aatttcagga aaatgtattg attcaacagg 108	85									
101		gaagaaactt tctggtgctg tcttttgttc tctgaatttt cagagacttt tttataatgt 11	45									
102		tattcatttg gtgactgtgt aactttctct taagattaat tttctctttg tatgtctgtt 120	05									
103		accttgttaa tagacttaat acatgcaaca gaagtgactt ctggagaaag ctcatggctg 12	65									
104		tgtccactgc aattggtggt aacagtggta gagtcatgtt tgcacttggc aaaaagaatc 133	25									
105		ccaatgtttg acaaaacaca gccaagggga tatttactgc tctttattgc agaatgtggg 13										
106		tattgagtgt gatttgaatg atttttcatt ggcttagggc agattttcat gcaaaagttc 14										
107		tcatatgagt tagaggagaa aaagcttaat gattctgata tgtatccatc aggatccagt 15										
108		ctggaaaaca gaaaccattc taggtgtttc aacagaggga gtttaataca ggaaattgac 15										
109		ttacatagat gataaaagag aagccaaaca gcaagaagct gttaccacac ccagggctat 16										
110		gaggataatg ggaagaggtt tggtttcctg tgtccagtag tgggatcatc cagaggagct 16										
111		ggaaccatgg tgggggctgc ctagtgggag ttaggaccac caatggattg tggaaaatgg 17										
112		agccatgaca agaacaaagc cactgactga gatggagtga gctgagacag ataagagaat 18	05									
113		accttgtctc acctatcctg coctcacatc ttccaccage accttactgc ccaggcctat 18										
114		ctggaagcca cctcaccaag gaccttggaa gagcaaggga cagtgaggca ggagaagaac 19	25									
115		aagaaatgga tgtaagcctg gcccataatg tgaacataag taatcactaa tgctcaacaa 19										
116		tttatccatt caatcattta ttcattgggt tgtcagatag tctatgtatg tgtaaaacaa 20										
117		totgttttgg ctttatgtgc aaaatctgtt atagctttaa aatatatctg gaacttttta 21										
118		gattattcca agccttattt tgagtaaata tttgttactt ttagttctat aagtgaggaa 21										
119		gagtttatgg caaagatttt tggcactttg ttttcaagat ggtgttatct tttgaattct 22	25									
120		tgataaatga ctgtttttt ctgcctaata gtaactggtt aaaaaacaaa tgttcatatt 22	85									
121			09									
	<210>	SEQ ID NO: 4										
		LENGTH: 26										
		TYPE: DNA										
		ORGANISM: Artificial Sequence										
		FEATURE:										
		OTHER INFORMATION: PCR Primer										
		SEQUENCE: 4										
130			26									
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		TYPE: DNA										
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		FEATURE:										
137	<223>	OTHER INFORMATION: PCR Primer										
138	<400>	SEQUENCE: 5										
			20									
		SEQ ID NO: 6										
		LENGTH: 27										
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		FEATURE:										
		OTHER INFORMATION: PCR Probe										
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150	<210>	SEQ ID NO: 7										

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		ORGANISM: Artificial Sequence											
		FEATURE:											
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		FEATURE:											
		OTHER INFORMATION: PCR Primer											
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		SEQ ID NO: 9											
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		ORGANISM: Artificial Sequence											
		FEATURE:											
		OTHER INFORMATION: PCR Probe											
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		SEQ ID NO: 10											
•		LENGTH: 2006											
		TYPE: DNA											
		ORGANISM: Mus musculus											
		FEATURE:											
		NAME/KEY: CDS											
		LOCATION: (474)(1496)											
		SEQUENCE: 10	60										
185		agctcagtga ggctgatgtg tactgcacat ttaaaaaaaa aatcacagga attttcatac	120										
186		aatgaataaa accacaacaa cacacgcaga accaggoaggo ggaaaagago aagaaaga	180										
187		todadocade baccodoce coocococococococococococococococococ	240										
188		Colacadate codadage cocacodade organization datasets and an included	300										
189		ccacatagge acadectag accordance tracatage agging and any	360										
190		Lagattagat tetagattat agegategaa getottogea oagetatta anniggin	420										
191		acqueed cocaccycta gocoacacc aaaggoacga aaaggoacga	476										
192		ctgacccaaa cactttaccc caatagtgcc aggttccctc tctgctgctt tga atg Met	1/0										
193		1											
194			524										
195		ttc aca gcc caa gtg ttc tca gag tcc ttt aca aaa act gag ttg ctg Phe Thr Ala Gln Val Phe Ser Glu Ser Phe Thr Lys Thr Glu Leu Leu	J Z ¬										
196		5 10 15											
197			572										
198		ccc tcg acc ctt gcg gag gac gga cgc tgc cgt ggg ctc ctg gcc gcc Pro Ser Thr Leu Ala Glu Asp Gly Arg Cys Arg Gly Leu Leu Ala Ala	J , Z										
199													
200		20	620										
201		que gra aga aca aca gas gas sas sas sos sos sos sos sos	520										
202		Ala Val Gly Thr Met Thr Asp Asp Gln Asp Cys Ala Ala Glu Leu Glu											

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203		35					40					45					
204	aad		aat	tct	tcc	agc		gac	aga	att	gac		aaσ	сса	gac	cac	668
205															Asp		
206	50	VUI	7100	001	001	55	0	1101	U-1		60		-1-		- 1	65	
207		tct	atc	atc	tcc		att	ctc	tta	aad		aaα	aσa	aat	gcc	tct	716
208															Ala		
209	261	Del	110	110	70	001	110	100	200	75					80		
210	aca	aac	ccc	atc		acc	aac	caa	gac		ata	ccc	act	tat	ctg	tac	764
211															Leu		
212	ALG	Ory	110	85	111.9	1111	019	1119	90	1119				95		- 1 -	
213	cac	ata	cat		cad	aad	ato	aat		tac	atc	atc	ata		aac	aaσ	812
214	Ara	Mot	Asn	Phe	Gln	Lvs	Met	Glv	Lvs	Cvs	Tle	Tle	Tle	Asn	Asn	Lvs	
215	hrg	ricc	100	1110	0111	БуО	1100	105	2,0	0,0			110			-1-	
216	220	ttc		222	aca	aca	aat		gac	atc	caa	aat		aca	gac	aaa	860
217															Asp		
218	ASII	115	лэр	цуз	AIG	1111	120	1100	110p	· u _	9	125				-1-	
219	ast		aaa	acc	ctc	ttc		tac	ttc	caa	aac		aat	ttt	gaa	gta	908
220	Zen.	Δla	999 Gl v	Δla	T.e.11	Phe	Lvs	Cvs	Phe	Gln	Asn	Len	Glv	Phe	Glu	Val	
221	130	пια	ОТУ	rı⊥α	пса	135	цуо	Cyb	1110	0111	140		0-1			145	
222		atc	cac	aat	rac		tct	tat	gca	ааσ		caa	gat	cta	ctt		956
223															Leu		
224	1111	var.	111.5	11011	150	Cyb	001	0,0	1114	155					160		
225	222	acc	tet	nan		rac	cac	adc	aac		acc	tac	ttc	acc	tgc	atc	1004
226	Luc	Δla	Ser	Glu	Glu	Asp	His	Ser	Asn	Ser	Ala	Cvs	Phe	Ala	Cys	Val	
227	цуо	mu	001	165	OIG	1100		001	170			-1-		175	- 4		
228	cta	cta	agc		aaa	gaa	gag	gac		att	tac	aaa	aaa		ggc	ata	1052
229	T.e.ii	Len	Ser	His	Glv	Glu	Glu	Asp	Leu	Ile	Tvr	Glv	Lvs	Asp	ĞÎy	vаĺ	
230	пси	шец	180		O-1	020	0	185			-1-	1	190	- 1	_		
231	aca	acc		aaσ	gat	cta	aca	act	cat	ttt	agg	gga	qac	cqa	tgc	aaa	1100
232	Thr	Pro	Tle	Lvs	Asp	Leu	Thr	Āla	His	Phe	Arq	ĞÎy	Āsp	Arq	Cys	Lys	
233		195		-1-			200				,	205	•		-	-	
234	acc		tta	gag	aaa	ccc	aaa	ctc	ttc	ttc	att	caq	qca	tgc	cga	ggg	1148
	Thr																
236	210				_	215	-				220					225	
237	acq	σασ	ctc	αac	gat	qqa	atc	cag	gct	qac	tcg	ggg	ccc	atc	aac	gac	1196
238	Thr	Ğlu	Leu	Asp	Āsp	Ğİy	Ile	Gln	Āla	Āsp	Ser	Gly	Pro	Ile	Asn	Asp	
239				•	230	_				235					240		
240	att	gac	act	aat		cqc	aac	aag	atc	ccg	gtg	gaa	gcc	gac	ttc	ctc	1244
241															Phe		•
·242		-		245		_		_	250					255			
243	ttt	act	tac	tcc	acq	qtt	cca	ggt	tat	tac	tca	tgg	agg	aac	cca	ggg	1292
244	Phe	Āla	Tyr	Ser	Thr	Val	Pro	Ğly	Tyr	Tyr	Ser	Trp	Arg	Asn	Pro	Gly	
245			260					265	-	_			270				
246	aaa	aac	tcc	tqq	ttt	qtq	cag	gcc	ctc	tgc	tcc	atc	ctg	aat	gag	cat	1340
247	Lvs	Ğĺv	Ser	Trp	Phe	val	Gln	Āla	Leu	Cys	Ser	Ile	Leu	Asn	Glu	His	
248	4	275	•	•			280			-		285					
249	gac		gac	ctc	gaq	atc	atg	cag	atc	ctg	acc	agg	gtg	aac	gac	agg	1388
250	ĞÎv	Lys	Āsp	Leu	Ğlū	Ile	Met	Gln	Ile	Leu	Thr	Arg	Val	Asn	Asp	Arg	
251	290	-	-			295					300					305	

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